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S/N 09/993,333

OCT 21 2002



PATENT

9/R.T.
10/28

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Larry Wayne Oberley et al.

Examiner: James Schultz

Serial No.: 09/993,333

Group Art Unit: 1635

Filed: November 14, 2001

Docket: 875.042US1

Title: REDUCTION OF ANTIOXIDANT ENZYME LEVELS IN TUMOR CELLS
USING ANTISENSE OLIGONUCLEOTIDES

FORMAL
DRAWINGS

COMMUNICATION RE: SUBMISSION OF FORMAL DRAWINGS

Attn: OFFICIAL DRAFTSMAN

Commissioner for Patents

Washington, D.C. 20231

In response to the requirement for formal drawings made in the Office Action mailed June 18, 2002, enclosed is 1 sheet of formal drawings for the above-identified application.

The Examiner is invited to contact Applicant's Representatives, at the below-listed telephone number, if any further changes need to be made to the enclosed drawings.

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Respectfully submitted,

OCT 24 2002

LARRY WAYNE OBERLEY ET AL.

TECH CENTER 1600/2900

By his Representatives,

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Date 11 October 2002

By

A. S. Viksnins

Ann S. Viksnins

Reg. No. 37,748

CERTIFICATE UNDER 37 C.F.R. § 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner of Patents, Washington, D.C. 20231, on this 11 day of OCT., 2002.

Candis B. Buending

Name

Signature

Candis B. Buending

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ANTISENSE OLIGONUCLEOTIDES
INVENTORS NAME: Larry Wayne Oberley et al.
DOCKET NO.: 875.042US1

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GCAGATCGGC GGCATCAGCG GTAGCACCG CACTAGCAGC ATG TTG AGC CGG GCA
10 V C G T S R Q L A P L G Y L G S R
Val Cys Gly Thr Ser Arg Gln Leu Ala Pro Met Leu Ser Arg Ala
GTG TGC GGC ACC AGC AGG CAG CTG GCT CCG Tyr Gly Leu Gly Ser Arg
10 Q K H S L P D L P Y D Y G A L E P H
Gln Lys His Ser Leu Pro Asp Leu Pro Tyr Asp Tyr Gly Ala Leu Glu Pro His
CAG AAG CAC AGC CTC CCC GAC CTG CCC TAC GAC TAC GGG TAC TGT GAA CCT CCT
20 I N A Q I M Q L H H S K H H A A Y V
Ile Asn Ala Gln Ile Met Gln Leu His His Ser Lys His His Ala Ala Tyr Val
ATC AAC GCG CAG ATC ATG CAG GTC ACC GAG AAG TAC CAG GAG GCG TTG GCC AAG GGA GAT
30 N N L N V T E E K Y Q E A L A K G D
Asn Asn Leu Asn Val Thr Glu Glu Lys Tyr Glu Ala Leu Ala Lys Gly Asp
AAC AAC CTG AAC GTC ACC GAG GAG AAG TAC CAG GAG GCG TTG GCC AAG GGA GAT
40 V T A Q A L Q P A L K F N G G H
Val Thr Ala Gln Ala Leu Gln Pro Ala Leu Lys Phe Asn Gly Gly Gly His
GTT ACA GCC CAG GCT CTT CAG CCT GCA GTG AAG TTC AAT GGT GGT CAT... SEQ ID NO:12
50 A L Q P A L K F N G G H
60 A L Q P A L K F N G G H
70 A L Q P A L K F N G G H
80 A L Q P A L K F N G G H
90 A L Q P A L K F N G G H
100 A L Q P A L K F N G G H

FIG. 1

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FIG. 1